



## ENERGY STAR® Program Requirements For the ENERGY STAR Advanced Lighting Package

The ENERGY STAR Advanced Lighting Package (ALP) provides an opportunity for homebuilders to expand their commitment to offering energy-efficient homes to their consumers. Through the ALP, builders replace some of the conventional fixtures in their homes with quality, high efficiency, ENERGY STAR qualified models. ENERGY STAR qualified fixtures feature advanced lighting technology to improve performance, while lowering homeowners' monthly utility costs.

The Advanced Lighting Package provides builders with an excellent up-sell opportunity, provides differentiation in the marketplace, builds customer loyalty by bringing comfort and value through energy efficiency, and provides a competitive edge by selling advanced lighting technology.

Table 1 below describes the Program Requirements for the ENERGY STAR Advanced Lighting Package. Areas of the home are grouped together and assigned a minimum percentage of all hardwired fixtures that must be ENERGY STAR qualified (see page 2 for the definition of the ENERGY STAR Advanced Lighting Package).

Table 1- Program Requirements for the ENERGY STAR Advanced Lighting Package		
Room Category	Specific Rooms within Category	Minimum Percentage of Required ENERGY STAR Qualified Fixtures Per Room Category
High-Use Rooms	Kitchen, Dining Room, Living Room, Family Room, Bathroom(s), Hall(s)/Stairway(s)	50% of Total Number of Fixtures
Med/Low-Use Rooms	Bedroom, Den, Office, Basement, Laundry Room, Garage, Closet(s), and All Other Rooms	25% of Total Number of Fixtures
Outdoor	Outdoor Lighting Affixed to the Home or Free-Standing Pole(s) except for landscape and solar lighting	50% of Total Number of Fixtures including <b>all</b> flood lighting

### Notes:

1. All builder-supplied ceiling fans must be ENERGY STAR qualified. ENERGY STAR qualified ventilating fans, qualified ceiling fans with integral lighting, and qualified ceiling fan light kits can be counted as a qualified fixture.
2. Room categories (high-use, med/low-use, outdoor) are defined based on typical hours of use, application appropriateness, and fixture availability.
3. Visit the ENERGY STAR Web site at [www.energystar.gov](http://www.energystar.gov) for a list of qualified fixtures and ceiling fans.

### Builder Commitments

By offering the ENERGY STAR Advanced Lighting Package, participating homebuilders commit to:

1. Promoting the ENERGY STAR Advanced Lighting Package as an easy way to increase home comfort and quality, while decreasing utility bills and helping to protect the environment.
2. Featuring the ENERGY STAR Advanced Lighting Package at the point-of-sale or at design showrooms using techniques such as technology displays, signage, energy savings, and marketing materials.
3. Training sales agents and other authorized representatives on the advantages of the ENERGY STAR Advanced Lighting Package and ensuring that they offer the Package to each new homeowner.
4. Pricing the ENERGY STAR Advanced Lighting Package consistent with comparable home upgrades.
5. Providing homebuyers with a completed and signed Advanced Lighting Package Builder Verification form. This form is attached to this document and is available for download on the ENERGY STAR Web site.
6. Providing feedback to EPA, upon request, on the results of selling the ENERGY STAR Advanced Lighting Package.

## Definitions

- A. ENERGY STAR Advanced Lighting Package: An ENERGY STAR Advanced Lighting Package targets high-use, application-appropriate, areas in the home where ENERGY STAR qualified hard-wired fixtures can be selected and installed with maximum ease and flexibility in design to the builder. Areas of the home are grouped together and assigned a minimum percentage of all hardwired fixtures that must be ENERGY STAR qualified. See *Table 1- Program Requirements for the ENERGY STAR Advanced Lighting Package* for the specific fixture requirements by room category.
- B. Light Fixture (Luminaire): A complete, hard-wired, lighting unit consisting of a lamp or lamps, and ballasting (when applicable) together with the parts designed to distribute the light, position and protect the lamps, and connect the lamps to the power supply. Note: for the purposes of this specification torchieres, desk lamps, and other portables are not defined as hard-wired fixtures and do not count towards the Program Requirements in Table 1 for meeting the minimum percentage of ENERGY STAR qualified fixtures.
- C. Residential Ceiling Fan: A non-portable device designed for home use that is suspended from the ceiling for circulating air via the rotation of fan blades. Some ceiling fans also have an integral or attachable light kit.
- D. Residential Ceiling Fan Light Kit: A complete lighting unit consisting of a lamp or lamps, and ballasting together with the parts designed to distribute the light, position and protect the lamps, and connect the lamps to the power supply. Light kits can be:
  - Integral – the light kit is attached to the ceiling fan housing at the time of purchase. This type of light kit is integrated into the bottom cap of the fan and cannot be removed or replaced with another light kit.
  - Attachable – the light kit is not, at the time of sale, physically attached to the fan. The light kit must be attached to the ceiling fan for the lights to work. Attachable light kits might be included inside the ceiling fan box at the time of sale or sold separately for subsequent attachment to the fan.
- E. Residential Ventilation Fan with Lighting: A ceiling, wall-mounted, or remotely mounted in-line fan designed to be used in a bathroom or utility room, or a kitchen range hood, whose purpose is to move objectionable air from inside the building to the outdoors. For units using a compact fluorescent or fluorescent lamp, the light source includes the lamp and the ballast.

***ENERGY STAR Advanced Lighting Package (ALP)***  
*Builder Verification Form*

<b>Builder Name:</b>				
<b>Home Address:</b>				
<b>Date:</b>			I attest the lighting fixtures at address above meet Environmental Protection Agency guidelines for ALP:	
<b>Builder Inspector:</b>	<b>Name:</b>			
			<b>Signature:</b>	
Room Category	Number of Standard Fixtures	Number of ENERGY STAR fixtures	% of ENERGY STAR Fixtures	Required % ENERGY STAR Fixtures
<b>High-Use Rooms</b>				
				<b>50%</b>
<b>Medium/Low-Use Rooms</b>				
				<b>25%</b>
<b>Outdoor</b>				
				<b>100%</b>
				<b>50%</b>
<b>Ceiling Fans</b>				<b>100%</b>